State Form 51863 (R/9-04)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NOTES: •The purpose of CD-03 is to identify existing compliance monitoring activities (monitoring, testing, record keeping and/or reporting) required in an applicable requirement or to provide compliance monitoring activities for applicable requirements where there is no or inadequate compliance monitoring requirements.

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IDEM - Office of Air Quality - Permits Branch

100 N. Senate Avenue Indianapolis, IN 46204 Telephone: (317) 233-0178 or

Toll Free: 1-800-451-6027 x30178 (within Indiana)

FOR OFFICE USE ONLY								
PERMIT NUMBER:								

DART A Identification of Course and Applica	ble Degrinement						
PART A: Identification of Source and Applica Part A is intended to identify the source and the emissions unit. Use one for							
of this form, the term "source" refers to the plant site as a whole and NOT to							
1. Source Name: BP Products North America Inc., Whiting Business Unit 2. Source ID: 089-00453							
3. Emissions Unit Description: No. 11 Pipe Still Heater H-200	4. Unit ID: 120						
5. Limitations: List each operational and/or emission limit for this emissions	unit.						
PM: Unit Specific (Established via Permit Issuance)							
SO <sub>2</sub> : 0.33 lb/MMBtu, 8.23 lb/hr							
H <sub>2</sub> S: 0.10 gr/dscf H <sub>2</sub> S in fuel gas							
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include						
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.						
SO <sub>2</sub> : Annual Compliance Report: Includes confirmation of compliance with	limit.						
H <sub>2</sub> S: Quarterly Report: Includes monitoring results.							

			PART	B: Compliance F	Plan Components			
Part B is int	ended to identify th	ne main componen	ts of each required	l compliance plan				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-2-6	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
326 IAC 7-4.1-3 40 CFR	None	Fuel Gas H₂S	Continuous	H <sub>2</sub> S ppm	Continuous	SO <sub>2</sub>	326 IAC 7-2	Upon IDEM request
60, Subpart J, (60.104(a) (1))	None	Fuel Gas H <sub>2</sub> S	Continuous	H₂S ppm	Continuous	H₂S	40 CFR 60.106	N/A

State Form 51863 (R/9-04)

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.,,	
PART A: Identification of Source and Applica	
Part A is intended to identify the source and the emissions unit. Use one for of this form, the term "source" refers to the plant site as a whole and NOT to	· · · · · · · · · · · · · · · · · · ·
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3
3. Emissions Unit Description: 12PS Heater H-101A	4. Unit ID: 130
5. Limitations: List each operational and/or emission limit for this emissions	unit.
PM: 0.03 gr/dscf PM	
H <sub>2</sub> S: 0.10 gr/dscf H <sub>2</sub> S	
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.
H <sub>2</sub> S: Quarterly Monitoring Report: Includes monitoring results.	

			PART	B: Compliance F	Plan Components			
Part B is into	ended to identify th	e main componen	ts of each required	compliance plan.				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-1-2	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
40 CFR 60, Subpart J, (60.104(a) (1))	None	Fuel Gas H₂S	Continuous	H2S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A

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	FOR OFFICE USE ONLY
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each initial Title V permit application as well as each enewal.	
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d to IDEM will be made available to the public unless it m of confidentiality. Claims of confidentiality must be brimation is submitted to IDEM, and must follow the 326 IAC 17.1- 4-1. Failure to follow these requirements information becoming a public record, available for hotocopy.	
PART A: Identification of Source and Applica	ble Requirement
y the source and the emissions unit. Use one for ce" refers to the plant site as a whole and NOT to	· ·
ucts North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
on: 12 PS Heater H-101B	4. Unit ID: 130
arational and/or amission limit for this amissions	unit

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.							
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3						
3. Emissions Unit Description: 12 PS Heater H-101B	4. Unit ID: 130						
5. Limitations: List each operational and/or emission limit for this emissions	unit.						
PM: 0.03 gr/dscf PM							
H <sub>2</sub> S: 0.10 gr/dscf H <sub>2</sub> S							
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include						
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.						
H <sub>2</sub> S: Quarterly Monitoring Report: Includes monitoring results.							

			PART	B: Compliance F	Plan Components			
Part B is int	ended to identify th	e main componen	ts of each required	compliance plan.				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-1-2	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
40 CFR 60, Subpart J, (60.104(a)	None	Fuel Coe H S	Continuous	LI C nnm	Continuous	це	40 CFR	N/A
(1))	None	Fuel Gas H <sub>2</sub> S	Continuous	H <sub>2</sub> S ppm	Continuous	H <sub>2</sub> S	60.106	N/A

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PERMIT NUMBER:							

DADTA II (C. C. LA II	
PART A: Identification of Source and Applica Part A is intended to identify the source and the emissions unit. Use one for	
of this form, the term "source" refers to the plant site as a whole and NOT to	o individual emissions units.
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
3. Emissions Unit Description: 12 PS Heater H-102	4. Unit ID: 130
5. Limitations: List each operational and/or emission limit for this emissions	unit
PM: 0.03 gr/dscf PM	unit.
$H_2S$ : 0.10 gr/dscf $H_2S$	
1123. 0.10 gi/dsci 1123	
O. Barretta Orbada I. Barrita a la cristica della della della della	and The substitute of the Life of the
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.
H <sub>2</sub> S: Quarterly Monitoring Report: Includes monitoring results.	

			PART	B: Compliance F	Plan Components			
Part B is int	ended to identify th	e main componen	ts of each required	compliance plan.				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-1-2	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
40 CFR 60, Subpart J, (60.104(a)	None	Fuel Coe H S	Continuous	LI C nnm	Continuous	це	40 CFR	N/A
(1))	None	Fuel Gas H <sub>2</sub> S	Continuous	H <sub>2</sub> S ppm	Continuous	H <sub>2</sub> S	60.106	N/A

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monitoring requirements.	FOR OFFICE USE ONLY
<ul> <li>CD-03 focuses on specific applicable requirements that may apply to a single emission unit or group of emission units.</li> </ul>	PERMIT NUMBER:
<ul> <li>This is required form for each initial Title V permit application as well as each modification and every renewal.</li> </ul>	
<ul> <li>Detailed instructions for this form are available online at http://www.IN.gov/idem/air/permits/apps/instructions/cd03instructions.html.</li> </ul>	
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PART A: Identification of Source and Applica	ble Requirement
Part A is intended to identify the source and the emissions unit. Use one for of this form, the term "source" refers to the plant site as a whole and NOT to	• •
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
3. Emissions Unit Description: Distillate Hydrotreating Unit Heater B-601A	4. Unit ID: 720
5. Limitations: List each operational and/or emission limit for this emissions	unit.
DM: 0.02 gr/doof DM	

	2. Codico 12. 00 0 0 0 1 2 3							
3. Emissions Unit Description: Distillate Hydrotreating Unit Heater B-601A	4. Unit ID: 720							
5. Limitations: List each operational and/or emission limit for this emissions	5. Limitations: List each operational and/or emission limit for this emissions unit.							
PM: 0.03 gr/dscf PM								
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	used. The schedule should include							
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.							

PART B: Compliance Plan Components									
Part B is intende	Part B is intended to identify the main components of each required compliance plan.								
7. Rule Cite	8. Control Equip ment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency	
326 IAC 6.8-1- 2	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request	

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PART A: Identification of Source and Applica Part A is intended to identify the source and the emissions unit. Use one for							
of this form, the term "source" refers to the plant site as a whole and NOT to	• • • • • • • • • • • • • • • • • • • •						
1. Source Name: BP Products North America Inc., Whiting Business Unit 2. Source ID: $0.89 - 0.045$							
3. Emissions Unit Description: Blending Oil Unit Heater F-401	4. Unit ID: 250						
E. Limitationa: List each aparational and/or amission limit for this amissions	unit						
5. Limitations: List each operational and/or emission limit for this emissions  PM: Unit Specific (Established via Permit Issuance)	unit.						
SO <sub>2</sub> : 0.034 lb/MMBtu, 1.19 lb/hr							
$H_2S$ : 0.10 gr/dscf $H_2S$ in fuel gas							
1120. 0.10 gi/dod 1120 iii ldel gdo							
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include						
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.						
SO <sub>2</sub> : Annual Compliance Report: Includes confirmation of compliance with	limit.						
H <sub>2</sub> S: Quarterly: Includes monitoring results.							

	PART B: Compliance Plan Components							
Part B is int	ended to identify th	ne main componen	ts of each required	l compliance plan				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-2-6	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
326 IAC 7-4.1-3 40 CFR 60,	None	Fuel Gas H <sub>2</sub> S	Continuous	H₂S ppm	Continuous	SO <sub>2</sub>	326 IAC 7-2	N/A
Subpart J, (60.104(a) (1))	None	Fuel Gas H₂S	Continuous	H <sub>2</sub> S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A

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PART A: Identification of Source and Applica Part A is intended to identify the source and the emissions unit. Use one for of this form, the term "source" refers to the plant site as a whole and NOT to	m for each emissions unit. For the purposes
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
3. Emissions Unit Description: Coke Storage and Handling	4. Unit ID: 800
5. Limitations: List each operational and/or emission limit for this emissions	
Opacity – 10% or 20% (depending on specific source type), as specified in 3	
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include
Annual Compliance Report: Includes confirmation of compliance with limit.	

	PART B: Compliance Plan Components								
Part B is in	Part B is intended to identify the main components of each required compliance plan.								
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Teste	14. Test Method	15. Testing Frequency	
326 IAC 6.8-10-3	N/A	Opacity/Visible Emissions	As specified in 326 IAC 6.8-10-3	Opacity/Visible Emissions Readings	As specified in 326 IAC 6.8-10-3	Opacity	40 CFR 60, Appendix A, Methods 9 or 22	As specified in 326 IAC 6.8-10-3	

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Part A is intended to identify the source and the emissions unit. Use one of this form, the term "source" refers to the plant site as a whole and NO

PART A: Identification of Source and Appli

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	PERMIT NUMBER:
Ī	
cal	ble Requirement
	m for each emissions unit. For the purposes individual emissions units.
ı	individual emissions units.
t	2. Source ID: 0 8 9 - 0 0 4 5 3
	4. Unit ID: 800
ns	unit.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3							
3. Emissions Unit Description: South Flare	4. Unit ID: 800							
5. Limitations: List each operational and/or emission limit for this emissions unit.								
0.10 gr/dscf H <sub>2</sub> S								
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	used. The schedule should include							
Quarterly Monitoring Report: Includes monitoring results.								

			PART	B: Compliance F	Plan Components				
Part B is into	Part B is intended to identify the main components of each required compliance plan.								
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency	
40 CFR 60, Subpart J, (60.104(a) (1))	None	Fuel Gas H <sub>2</sub> S	Continuous	H₂S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A	

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PM/HAP: Annual Compliance Report: Includes confirmation of compliance with limit.

CO: Semi-Annual Monitoring Report: Includes monitoring results.

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FOR OFFICE USE ONLY							
PERMIT NUMBER:							

,	
PART A: Identification of Source and Applica	ble Requirement
Part A is intended to identify the source and the emissions unit. Use one for of this form, the term "source" refers to the plant site as a whole and NOT to	
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
3. Emissions Unit Description: Fluid Catalytic Cracking Unit 600	4. Unit ID: 240
5. Limitations: List each operational and/or emission limit for this emissions	unit.
PM: 55 lb/hr	
SO <sub>2</sub> : 437.5 lb/hr	
PM/HAP: 1 lb PM /1,000 lb coke burn-off	
CO: 500 ppmv CO	
Opacity: Must not exceed 30 percent, except for one 6-minute average opathe hourly average opacity of emissions from your catalyst re-generator verestablished during the performance test.	
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include
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SO <sub>2</sub> : Annual Compliance Report: Includes confirmation of compliance with	limit.

Opacity: Semi-Annual Monitoring Report/Annual Compliance Report: Includes monitoring results and confirmation of

Opacity: Annual Compliance Report

compliance with limit.

			PART	B: Compliance	Plan Components			
Part B is intend	ded to identify t	he main componen	ts of each required	d compliance plar	ı.			
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8- 2-6	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
326 IAC 7- 4.1-3	None	Continuous	SO <sub>2</sub>	Continuous	SO <sub>2</sub>	SO <sub>2</sub>	326 IAC 7-2	N/A
40 CFR 63, Subpart UUU (63.1564)	None	N/A	N/A	N/A	N/A	PM	40 CFR 63.1571	Upon IDEM request
40 CFR 63, Subpart UUU (63.1565)	None	CO emissions	Continuous	CO ppm	Continuous	со	40 CFR 63.1571	N/A
40 CFR 63, Subpart UUU (63.1565)	None	Opacity	Continuous	Opacity	Continuous	PM	40 CFR 63.1571	N/A
326 IAC 5-1- 2(2)	None	Opacity	N/A	N/A	N/A	PM	326 IAC 5-1- 4	Upon IDEM request
_								

State Form 51863 (R/9-04)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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PERMIT NUMBER:								
ship Daminonant								

PART A: Identification of Source and Applica Part A is intended to identify the source and the emissions unit. Use one for								
of this form, the term "source" refers to the plant site as a whole and NOT to	individual emissions units.							
1. Source Name: BP Products North America Inc., Whiting Business Unit 2. Source ID: $0.89 - 0.0453$								
3. Emissions Unit Description: GOHT Flare	4. Unit ID: 802							
5. Limitations: List each operational and/or emission limit for this emissions	unit.							
0.10 gr/dscf H <sub>2</sub> S								
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include							
Quarterly Monitoring Report: Includes monitoring results.								

	PART B: Compliance Plan Components								
Part B is int	Part B is intended to identify the main components of each required compliance plan.								
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency	
40 CFR 60, Subpart J, (60.104(a) (1))	None	Fuel Gas H <sub>2</sub> S	Continuous	H₂S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	Upon IDEM request	

State Form 51863 (R/9-04)

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PART A: Identification of Source and Appli-

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	PERMIT NUMBER:
	<del></del>
L	
cal	ole Requirement
	m for each emissions unit. For the purposes individual emissions units.
t	2. Source ID: 089-00453
ι	2. Source ID. 0 8 9 - 0 0 4 3 3
	4. Unit ID: 802
าร	unit.

Part A is intended to identify the source and the emissions unit. Use one for of this form, the term "source" refers to the plant site as a whole and NOT to	
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3
3. Emissions Unit Description: GOHT Heater F-901A	4. Unit ID: 802
5. Limitations: List each operational and/or emission limit for this emissions	unit.
PM: 0.03 gr/dscf PM	
H <sub>2</sub> S: 0.10 gr/dscf H <sub>2</sub> S	
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include
PM: Annual Compliance Report: Includes confirmation of compliance with	ı limit.
H <sub>2</sub> S: Quarterly Monitoring Report: Includes monitoring results.	

			PART	B: Compliance F	Plan Components			
Part B is inte	ended to identify th	e main componen	ts of each required	d compliance plan				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-1-2	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
40 CFR 60, Subpart J, (60.104(a) (1))	None	Fuel Gas H₂S	Continuous	H₂S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A
( · //	110110	1 401 545 1125	Commucus	. 1,20 рр	Commission	1.120	55.155	14,71

State Form 51863 (R/9-04)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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monitoring requirements.	FOR OFFICE USE ONLY			
<ul> <li>CD-03 focuses on specific applicable requirements that may apply to a single emission unit or group of emission units.</li> </ul>	PERMIT NUMBER:			
<ul> <li>This is required form for each initial Title V permit application as well as each modification and every renewal.</li> </ul>				
<ul> <li>Detailed instructions for this form are available online at <a href="http://www.IN.gov/idem/air/permits/apps/instructions/cd03instructions.html">http://www.IN.gov/idem/air/permits/apps/instructions/cd03instructions.html</a>.</li> </ul>				
<ul> <li>All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1- 4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.</li> </ul>				
PART A: Identification of Source and Applica	ble Requirement			
Part A is intended to identify the source and the emissions unit. Use one for of this form, the term "source" refers to the plant site as a whole and NOT to	m for each emissions unit. For the purposes			
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3			
3. Emissions Unit Description: GOHT Heater F-901B	4. Unit ID: 802			
5. Limitations: List each operational and/or emission limit for this emissions	unit.			

·	<u>.</u>								
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3								
3. Emissions Unit Description: GOHT Heater F-901B	4. Unit ID: 802								
5. Limitations: List each operational and/or emission limit for this emissions	unit.								
PM: 0.03 gr/dscf PM									
H <sub>2</sub> S: 0.10 gr/dscf H <sub>2</sub> S									
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include								
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.								
H <sub>2</sub> S: Quarterly Monitoring Report: Includes monitoring results.									

			PART	B: Compliance F	Plan Components			
Part B is inte	ended to identify th	e main componen	ts of each required	d compliance plan				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-1-2	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
40 CFR 60, Subpart J, (60.104(a) (1))	None	Fuel Gas H₂S	Continuous	H₂S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A
( · //	110110	1 401 545 1125	Commucus	. 1,20 рр	Commission	1.120	55.155	14,71

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PERMIT NUMBER:							

,	
PART A: Identification of Source and Applica	ble Requirement
Part A is intended to identify the source and the emissions unit. Use one for	· · ·
of this form, the term "source" refers to the plant site as a whole and NOT to	p individual emissions units.
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
3. Emissions Unit Description: #2 Coker Heater H-201	4. Unit ID: 800
5. Limitations: List each operational and/or emission limit for this emissions	unit
PM: 0.03 gr/dscf PM	unit.
H <sub>2</sub> S: 0.10 gr/dscf H <sub>2</sub> S	
1120. 0.10 gi/d3ci 1120	
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.
H <sub>2</sub> S: Quarterly Monitoring Report: Includes monitoring results.	

			PART	B: Compliance F	Plan Components			
Part B is int	ended to identify th	e main componen	ts of each required	d compliance plan	•			
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-1-2	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8-1- 3	Upon IDEM request
40 CFR 60, Subpart J, (60.104(a) (1))	None	Fuel Gas H <sub>2</sub> S	Continuous	H2S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A

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DADT A LL CC C LA C	
PART A: Identification of Source and Applica Part A is intended to identify the source and the emissions unit. Use one for	
of this form, the term "source" refers to the plant site as a whole and NOT to	individual emissions units.
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
3. Emissions Unit Description: #2 Coker Heater H-202	4. Unit ID: 800
5. Limitations: List each operational and/or emission limit for this emissions	unit
PM: 0.03 gr/dscf PM	unit.
$H_2S$ : 0.10 gr/dscf $H_2S$	
1120. 0.10 gi/dod 1120	
6. Reporting Schedule: Provide a description of the reporting schedule to be	a used. The schedule should include
what will be reported and how often the reports will be submitted.	e used. The schedule should include
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.
H <sub>2</sub> S: Quarterly Monitoring Report: Includes monitoring results.	

			PART	B: Compliance F	Plan Components			
Part B is int	ended to identify th	e main componen	ts of each required	d compliance plan	•			
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-1-2	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8-1- 3	Upon IDEM request
40 CFR 60, Subpart J, (60.104(a) (1))	None	Fuel Gas H <sub>2</sub> S	Continuous	H2S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A

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PART A: Identification of Source and Applica Part A is intended to identify the source and the emissions unit. Use one for	
of this form, the term "source" refers to the plant site as a whole and NOT to	individual emissions units.
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
3. Emissions Unit Description: #2 Coker Heater H-203	4. Unit ID: 800
5. Limitations: List each operational and/or emission limit for this emissions	unit
PM: 0.03 gr/dscf PM	uriit.
H <sub>2</sub> S: $0.10 \text{ gr/dscf FW}$	
Π <sub>2</sub> 3. 0.10 gi/dsci Π <sub>2</sub> 3	
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.
H <sub>2</sub> S: Quarterly Monitoring Report: Includes monitoring results.	

			PART	B: Compliance F	Plan Components			
Part B is int	ended to identify th	e main componen	ts of each required	compliance plan.				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-1-2	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8-1- 3	Upon IDEM request
40 CFR 60, Subpart J, (60.104(a) (1))	None	Fuel Gas H₂S	Continuous	H₂S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A

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Part A is intended to identify the source and the emissions unit. Use one

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where there is no or inadequate compliance	FOR OFFICE USE ONLY
ific applicable requirements that may apply to a single femission units.	PERMIT NUMBER:
each initial Title V permit application as well as each enewal.	
or this form are available online at /permits/apps/instructions/cd03instructions.html.	
d to IDEM will be made available to the public unless it m of confidentiality. Claims of confidentiality must be armation is submitted to IDEM, and must follow the 126 IAC 17.1- 4-1. Failure to follow these requirements information becoming a public record, available for hotocopy.	
PART A: Identification of Source and Applica y the source and the emissions unit. Use one for ce" refers to the plant site as a whole and NOT to	m for each emissions unit. For the purposes
ucts North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
on: Hydrogen Plant Heater HU-1	4. Unit ID: 801
erational and/or emission limit for this emissions	unit.

of this form, the term source ferens to the plant site as a whole and NOT to	iliulviduai ettiissiotis utiits.						
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3						
3. Emissions Unit Description: Hydrogen Plant Heater HU-1	4. Unit ID: 801						
5. Limitations: List each operational and/or emission limit for this emissions unit.							
PM: 0.03 gr/dscf PM							
Reporting Schedule: Provide a description of the reporting schedule to be	used. The schedule should include						
what will be reported and how often the reports will be submitted.	dised. The schedule should include						
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.						

8. Control		ts of each required	compliance plan				
	0. D			•			
Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
	None	None N/A	None N/A N/A	None N/A N/A N/A			326 IAC 6.8-

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of this form, the term "source" refers to the plant site as a whole and NOT to	o individual emissions units.
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 - 0 0 4 5 3
3. Emissions Unit Description: Hydrogen Plant Heater HU-2	4. Unit ID: 801
5. Limitations: List each operational and/or emission limit for this emissions	unit.
PM: 0.03 gr/dscf PM	
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include
	limit
PM: Annual Compliance Report: Includes confirmation of compliance with	illitiit.

8. Control		ts of each required	compliance plan							
	0. D	Part B is intended to identify the main components of each required compliance plan.								
Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency			
None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request			
	None	None N/A	None N/A N/A	None N/A N/A N/A			326 IAC 6.8-			

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of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.							
1. Source Name: BP Products North America Inc., Whiting Business Unit 2. Source ID: 089-0045							
3. Emissions Unit Description: Isomerization Unit Heater H-1 4. Unit ID: 210							
5. Limitations: List each operational and/or emission limit for this emissions	unit.						
PM: Unit Specific (Established via Permit Issuance)							
SO <sub>2</sub> : 0.034 lb/MMBtu, 6.46 lb/hr							
H <sub>2</sub> S: 0.10 gr/dscf H <sub>2</sub> S in fuel gas							
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include						
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.						
SO2: Annual Compliance Report: Includes confirmation of compliance with	limit.						
H <sub>2</sub> S: Quarterly: Includes monitoring results.							

	PART B: Compliance Plan Components							
Part B is int	ended to identify th	ne main componen	ts of each required	l compliance plan				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
326 IAC 6.8-2-6	None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request
326 IAC 7-4.1-3 40 CFR 60,	None	Fuel Gas H <sub>2</sub> S	Continuous	H₂S ppm	Continuous	SO2	326 IAC 7-2	N/A
Subpart J, (60.104(a) (1))	None	Fuel Gas H₂S	Continuous	H₂S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A

State Form 51863 (R/9-04)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NOTES: •The purpose of CD-03 is to identify existing compliance monitoring activities (monitoring, testing, record keeping and/or reporting) required in an applicable requirement or to provide compliance monitoring activities for applicable requirements where there is no or inadequate compliance monitoring requirements.

- CD-03 focuses on specific applicable requirements that may apply to a single emission unit or group of emission units.
- This is required form for each initial Title V permit application as well as each modification and every renewal.
- Detailed instructions for this form are available online at http://www.IN.gov/idem/air/permits/apps/instructions/cd03instructions.html.
- All information submitted to IDEM will be made available to the public unless it
  is submitted under a claim of confidentiality. Claims of confidentiality must be
  made at the time the information is submitted to IDEM, and must follow the
  requirements set out in 326 IAC 17.1- 4-1. Failure to follow these requirements
  exactly will result in your information becoming a public record, available for
  any one to inspect and photocopy.

### IDEM - Office of Air Quality - Permits Branch

100 N. Senate Avenue Indianapolis, IN 46204 Telephone: (317) 233-0178 or

Toll Free: 1-800-451-6027 x30178 (within Indiana)

FOR OFFICE USE ONLY
PERMIT NUMBER:

DADT A 11	H. Dan in and					
PART A: Identification of Source and Applica Part A is intended to identify the source and the emissions unit. Use one for						
of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.						
1. Source Name: BP Products North America Inc., Whiting Business Unit 2. Source ID: $0.89 - 0.0453$						
3. Emissions Unit Description: HU Flare 4. Unit ID: 801						
5. Limitations: List each operational and/or emission limit for this emissions	unit.					
0.10 gr/dscf H <sub>2</sub> S						
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include					
Quarterly Monitoring Report: Includes monitoring results.						

			PART	B: Compliance F	Plan Components			
Part B is into	ended to identify th	e main componen	ts of each required	l compliance plan.				
7. Rule Cite	8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency
40 CFR 60, Subpart J, (60.104(a) (1))	None	Fuel Gas H <sub>2</sub> S	Continuous	H₂S ppm	Continuous	H <sub>2</sub> S	40 CFR 60.106	N/A

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FOR OFFICE USE ONLY
PERMIT NUMBER:
able Requirement
orm for each emissions unit. For the purposes

DART A Libert'' and Organization of Assetting	Lla Dan Immad
PART A: Identification of Source and Applica Part A is intended to identify the source and the emissions unit. Use one for	
of this form, the term "source" refers to the plant site as a whole and NOT to	· · · · · · · · · · · · · · · · · · ·
1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3
3. Emissions Unit Description: Sulfur Recovery Complex (COT1 & COT2)	4. Unit ID: 162
5. Limitations: List each operational and/or emission limit for this emissions	unit.
PM: 0.03 gr/dscf PM	
SO <sub>2</sub> : 250 ppmv SO2	
6. Reporting Schedule: Provide a description of the reporting schedule to be what will be reported and how often the reports will be submitted.	e used. The schedule should include
PM: Annual Compliance Report: Includes confirmation of compliance with	limit.
SO <sub>2</sub> : Quarterly Monitoring Report: Includes monitoring results.	

ended to identify th			PART B: Compliance Plan Components							
,	ie main component	ts of each required	l compliance plan							
8. Control Equipment	9. Parameters Monitored	10. Monitoring Frequency	11. Item Recorded	12. Record Keeping Frequency	13. Pollutants Tested	14. Test Method	15. Testing Frequency			
None	N/A	N/A	N/A	N/A	PM	326 IAC 6.8- 1-3	Upon IDEM request			
None	SO <sub>2</sub> Emissions	Continuous	SO₂ ppm	Continuous	SO <sub>2</sub>	40 CFR 60.106	Upon startup (SO2), Upon IDEM request (H2S)			
None	SO <sub>2</sub> Emissions	Continuous	SO₂ ppm	Continuous	SO <sub>2</sub>	40 CFR 63.1571	Upon IDEM request			
	None None	None N/A  None SO <sub>2</sub> Emissions	None N/A N/A  None SO <sub>2</sub> Emissions Continuous	Equipment     Monitored     Frequency     Recorded       None     N/A     N/A     N/A       None     SO <sub>2</sub> Emissions     Continuous     SO <sub>2</sub> ppm	Equipment     Monitored     Frequency     Recorded     Keeping Frequency       None     N/A     N/A     N/A       None     SO <sub>2</sub> Emissions     Continuous     SO <sub>2</sub> ppm     Continuous	Equipment     Monitored     Frequency     Recorded     Keeping Frequency     Tested       None     N/A     N/A     N/A     N/A     PM         None     SO <sub>2</sub> Emissions     Continuous     SO <sub>2</sub> ppm     Continuous     SO <sub>2</sub>	Equipment     Monitored     Frequency     Recorded     Keeping Frequency     Tested     Method       None     N/A     N/A     N/A     N/A     PM     326 IAC 6.8-1-3       None     SO <sub>2</sub> Emissions     Continuous     SO <sub>2</sub> ppm     Continuous     SO <sub>2</sub> 40 CFR 60.106       40 CFR       40 CFR       40 CFR			